

RECEIVED

BIO TECHNOLOGY

JUL 31 2003

SYSTEMS

BRANCH

TECH CENTER 1600/2000

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/840,277A

Source: 1600

Date Processed by STIC: 7/28/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,  
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,  
Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

**Raw Sequence Listing Error Summary**

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/840,277A</u>
<b>ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE</b>		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 3 <sup>rd</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input checked="" type="checkbox"/> Variable Length	Sequence(s) <u>14</u> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s). Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (ii) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
8 <input checked="" type="checkbox"/> Skipped Sequences (NEW RULES)	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences. Sequence(s) <u>10</u> missing. If Intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.	



1600

**RAW SEQUENCE LISTING**  
**PATENT APPLICATION: US/09/840,277A**

**DATE: 07/28/2003**  
**TIME: 09:45:54**

**Input Set : A:\A-688A.ST25.txt**  
**Output Set: N:\CRF4\07282003\I840277A.raw**

3 <110> APPLICANT: FEIGE, ULRICH  
 4 KOHNO, TADAHIKO  
 5 LACEY, DAVID  
 6 BOONE, THOMAS CHARLES  
 8 <120> TITLE OF INVENTION: ADHESION ANTAGONISTS (as amended)  
 10 <130> FILE REFERENCE: A-688A  
 12 <140> CURRENT APPLICATION NUMBER: US 09/840,277A  
**C--> 13 <141> CURRENT FILING DATE: 2003-04-23**  
 15 <150> PRIOR APPLICATION NUMBER: US 60/198,919  
 16 <151> PRIOR FILING DATE: 2000-04-21  
 18 <150> PRIOR APPLICATION NUMBER: US 60/201,394  
 19 <151> PRIOR FILING DATE: 2000-05-03  
 21 <160> NUMBER OF SEQ ID NOS: 135  
 23 <170> SOFTWARE: PatentIn version 3.1  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 684  
 27 <212> TYPE: DNA  
 28 <213> ORGANISM: Homo sapiens  
 30 <220> FEATURE:  
 31 <221> NAME/KEY: CDS  
 32 <222> LOCATION: (1)..(684)  
 33 <223> OTHER INFORMATION:  
**W--> 36 <400> 1**

*Does Not Comply  
Corrected Diskette Needed*

*MP 4-6*

37 atg gac aaa act cac aca tgt cca cct tgt cca gct ccg gaa ctc ctg	48
38 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu	
39 1 5 10 15	
41 ggg gga ccg tca gtc ttc ctc ttc ccc cca aaa ccc aag gac acc ctc	96
42 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu	
43 20 25 30	
45 atg atc tcc ccg acc cct gag gtc aca tgc gtg gtg gac gtg agc	144
46 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser	
47 35 40 45	
49 cac gaa gac cct gag gtc aag ttc aac tgg tac gtg gac ggc gtg gag	192
50 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu	
51 50 55 60	
53 gtg cat aat gcc aag aca aag ccg cgg gag gag cag tac aac agc acg	240
54 Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr	
55 65 70 75 80	
57 tac cgt gtg gtc agc gtc ctc acc gtc ctg cac cag gac tgg ctg aat	288
58 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn	
59 85 90 95	
61 ggc aag gag tac aag tgc aag gtc tcc aac aaa gcc ctc cca gcc ccc	336
62 Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro	

**RAW SEQUENCE LISTING**  
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**Input Set : A:\A-688A.ST25.txt**  
**Output Set: N:\CRF4\07282003\I840277A.raw**

63	100	105	110	
65 atc gag aaa acc atc tcc aaa gcc aaa ggg cag ccc cga gaa cca cag				384
66 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln				
67 115 120 125				
69 gtg tac acc ctg ccc cca tcc cggtt gat gag ctg acc aac aac cag gtc				432
70 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val				
71 130 135 140				
73 agc ctg acc tgc ctg gtc aaa ggc ttc tat ccc agc gac atc gcc gtg				480
74 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val				
75 145 150 155 160				
77 gag tgg gag agc aat ggg cag ccg gag aac aac tac aag acc acg cct				528
78 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Pro				
79 165 170 175				
81 ccc gtg ctg gac tcc gac ggc tcc ttc ttc ctc tac agc aac ctc acc				576
82 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr				
83 180 185 190				
85 gtg gac aag agc agg tgg cag cag ggg aac gtc ttc tca tgc tcc gtg				624
86 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val				
87 195 200 205				
89 atg cat gag gct ctg cac aac cac tac acg cag aag agc ctc tcc ctg				672
90 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu				
91 210 215 220				
93 tct ccg ggt aaa				684
94 Ser Pro Gly Lys				
95 225				
98 <210> SEQ ID NO: 2				
99 <211> LENGTH: 228				
100 <212> TYPE: PRT				
101 <213> ORGANISM: Homo sapiens				
103 <400> SEQUENCE: 2				
105 Met Asp Lys Thr His Thr Cys Pro Pro Cys Pro Ala Pro Glu Leu Leu				
106 1 5 10 15				
109 Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys Asp Thr Leu				
110 20 25 30				
113 Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val Asp Val Ser				
114 35 40 45				
117 His Glu Asp Pro Glu Val Lys Phe Asn Trp Tyr Val Asp Gly Val Glu				
118 50 55 60				
121 Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Tyr Asn Ser Thr				
122 65 70 75 80				
125 Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp Trp Leu Asn				
126 85 90 95				
129 Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Ala Leu Pro Ala Pro				
130 100 105 110				
133 Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg Glu Pro Gln				
134 115 120 125				
137 Val Tyr Thr Leu Pro Pro Ser Arg Asp Glu Leu Thr Lys Asn Gln Val				
138 130 135 140				
141 Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp Ile Ala Val				

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/840,277A

DATE: 07/28/2003

TIME: 09:45:54

Input Set : A:\A-688A.ST25.txt

Output Set: N:\CRF4\07282003\I840277A.raw

142 145                150                155                160  
145 Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys Thr Thr Pro  
146                165                170                175  
149 Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser Lys Leu Thr  
150                180                185                190  
153 Val Asp Lys Ser Arg Trp Gln Gln Gly Asn Val Phe Ser Cys Ser Val  
154                195                200                205  
157 Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser Leu Ser Leu  
158                210                215                220  
161 Ser Pro Gly Lys  
162 225  
165 <210> SEQ ID NO: 3  
166 <211> LENGTH: 8  
167 <212> TYPE: PRT  
168 <213> ORGANISM: Artificial Sequence  
170 <220> FEATURE:  
171 <223> OTHER INFORMATION: Preferred linker  
173 <400> SEQUENCE: 3  
175 Gly Gly Gly Lys Gly Gly Gly Gly  
176 1                5  
179 <210> SEQ ID NO: 4  
180 <211> LENGTH: 8  
181 <212> TYPE: PRT  
182 <213> ORGANISM: Artificial Sequence  
184 <220> FEATURE:  
185 <223> OTHER INFORMATION: Preferred linker  
187 <400> SEQUENCE: 4  
189 Gly Gly Gly Asn Gly Ser Gly Gly  
190 1                5  
193 <210> SEQ ID NO: 5  
194 <211> LENGTH: 8  
195 <212> TYPE: PRT  
196 <213> ORGANISM: Artificial Sequence  
198 <220> FEATURE:  
199 <223> OTHER INFORMATION: Preferred linker  
201 <400> SEQUENCE: 5  
203 Gly Gly Gly Cys Gly Gly Gly  
204 1                5  
207 <210> SEQ ID NO: 6  
208 <211> LENGTH: 5  
209 <212> TYPE: PRT  
210 <213> ORGANISM: Artificial Sequence  
212 <220> FEATURE:  
213 <223> OTHER INFORMATION: Preferred linker  
215 <400> SEQUENCE: 6  
217 Gly Pro Asn Gly Gly  
218 1                5  
221 <210> SEQ ID NO: 7  
222 <211> LENGTH: 5

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/840,277A

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Input Set : A:\A-688A.ST25.txt  
Output Set: N:\CRF4\07282003\I840277A.raw

223 <212> TYPE: PRT  
 224 <213> ORGANISM: Artificial Sequence  
 226 <220> FEATURE:  
 227 <223> OTHER INFORMATION: Laminin peptide  
 229 <400> SEQUENCE: 7  
 231 Tyr Ile Gly Ser Arg  
 232 1 5  
 235 <210> SEQ ID NO: 8  
 236 <211> LENGTH: 49  
 237 <212> TYPE: PRT  
 238 <213> ORGANISM: Artificial Sequence  
 240 <220> FEATURE:  
 241 <223> OTHER INFORMATION: Echistatin peptide  
 243 <400> SEQUENCE: 8  
 245 Glu Cys Glu Ser Gly Pro Cys Cys Arg Asn Cys Lys Phe Leu Lys Glu  
 246 1 5 10 15  
 249 Gly Thr Ile Cys Lys Arg Ala Arg Gly Asp Asp Met Asp Asp Tyr Cys  
 250 20 25 30  
 253 Asn Gly Lys Thr Cys Asp Cys Pro Arg Asn Pro His Lys Gly Pro Ala  
 254 35 40 45  
 257 Thr  
 261 <210> SEQ ID NO: 9  
 262 <211> LENGTH: 7  
 263 <212> TYPE: PRT  
 264 <213> ORGANISM: Artificial Sequence  
 266 <220> FEATURE:  
 267 <223> OTHER INFORMATION: RGD, NGR derivative peptide  
 269 <220> FEATURE:  
 270 <221> NAME/KEY: misc\_feature  
 271 <222> LOCATION: (2, 5 and)...(7)  
 272 <223> OTHER INFORMATION: Xaa is any amino acid  
 275 <400> SEQUENCE: 9  
 W--> 277 Arg Xaa Glu Thr Xaa Trp Xaa  
 278 1 5  
 281 <210> SEQ ID NO: 10  
 282 <211> LENGTH: 0  
 283 <212> TYPE: PRT  
 284 <213> ORGANISM: Deleted Sequence  
 286 <400> SEQUENCE: 10  
 W--> 287 000  
 288 <210> SEQ ID NO: 11  
 289 <211> LENGTH: 9  
 290 <212> TYPE: PRT  
 291 <213> ORGANISM: Artificial Sequence  
 293 <220> FEATURE:  
 294 <223> OTHER INFORMATION: RGD, NGR derivative peptide  
 296 <220> FEATURE:  
 297 <221> NAME/KEY: misc\_feature  
 298 <222> LOCATION: (2, 3, 7 and)...(8)

*delete this - these lines are not needed in an intentionally skipped sequence  
(see item 8 on Error Summary Sheet)*

RAW SEQUENCE LISTING  
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Input Set : A:\A-688A.ST25.txt  
Output Set: N:\CRF4\07282003\I840277A.raw

299 <223> OTHER INFORMATION: Xaa is any amino acid  
302 <400> SEQUENCE: 11

**W--> 304 Cys Xaa Xaa Arg Leu Asp Xaa Xaa Cys**

305 1 5

308 <210> SEQ ID NO: 12

309 <211> LENGTH: 7

310 <212> TYPE: PRT

311 <213> ORGANISM: Artificial Sequence

313 <220> FEATURE:

314 <223> OTHER INFORMATION: RGD, NGR derivative peptide

316 <220> FEATURE:

317 <221> NAME/KEY: misc\_feature

318 <222> LOCATION: (2 and)...(3)

319 <223> OTHER INFORMATION: Xaa is any amino acid

322 <400> SEQUENCE: 12

**W--> 324 Cys Xaa Xaa Arg Gly Asp Cys**

325 1 5

328 <210> SEQ ID NO: 13

329 <211> LENGTH: 9

330 <212> TYPE: PRT

331 <213> ORGANISM: Artificial Sequence

333 <220> FEATURE:

334 <223> OTHER INFORMATION: RGD, NGR derivative peptide

336 <220> FEATURE:

337 <221> NAME/KEY: misc\_feature

338 <222> LOCATION: (1, 2, 3, 7, 8 and)...(9)

339 <223> OTHER INFORMATION: Xaa is any amino acid with Xaa at 1, 3, 7 and 9 capable of forming a bridge.

340 <400> SEQUENCE: 13

**W--> 345 Xaa Xaa Xaa Arg Gly Asp Xaa Xaa Xaa**

346 1 5

349 <210> SEQ ID NO: 14

350 <211> LENGTH: 9

351 <212> TYPE: PRT

352 <213> ORGANISM: Artificial Sequence

354 <220> FEATURE:

355 <223> OTHER INFORMATION: RGD, NGR derivative peptide

357 <220> FEATURE:

358 <221> NAME/KEY: misc\_feature

359 <222> LOCATION: (2 )...(8)

360 <223> OTHER INFORMATION: Xaa is 1 to 5 amino acids.

364 <400> SEQUENCE: 14

**W--> 366 Cys Xaa Cys Arg Gly Asp Cys Xaa Cys**

367 1 5

370 <210> SEQ ID NO: 15

371 <211> LENGTH: 8

372 <212> TYPE: PRT

373 <213> ORGANISM: Artificial Sequence

375 <220> FEATURE:

Xaa can only represent one amino acid  
(see item 5 on Error Summary  
sheet)

RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 07/28/2003  
PATENT APPLICATION: US/09/840,277A               TIME: 09:45:55

Input Set : A:\A-688A.ST25.txt  
Output Set: N:\CRF4\07282003\I840277A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; Xaa Pos. 2,5,7  
Seq#:11; Xaa Pos. 2,3,7,8  
Seq#:12; Xaa Pos. 2,3  
Seq#:13; Xaa Pos. 1,2,3,7,8,9  
Seq#:14; Xaa Pos. 2,8  
Seq#:15; Xaa Pos. 1,2,5,6,7,8  
Seq#:16; Xaa Pos. 1,2,3,6,7,8,9,10  
Seq#:17; Xaa Pos. 3,5,6,13,15  
Seq#:18; Xaa Pos. 2,3,4,7,15  
Seq#:19; Xaa Pos. 3,4,5,6,8,13,15,18  
Seq#:20; Xaa Pos. 2,5,6,7,12,13,14  
Seq#:21; Xaa Pos. 1,3,6,9,12,13  
Seq#:40; Xaa Pos. 3,4  
Seq#:50; Xaa Pos. 2,3  
Seq#:58; Xaa Pos. 5  
Seq#:59; Xaa Pos. 6  
Seq#:86; Xaa Pos. 3,15  
Seq#:87; Xaa Pos. 13,15

**VERIFICATION SUMMARY**  
PATENT APPLICATION: US/09/840,277A

DATE: 07/28/2003  
TIME: 09:45:55

Input Set : A:\A-688A.ST25.txt  
Output Set: N:\CRF4\07282003\I840277A.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:36 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1, Line#:33  
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:287 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (10) SEQUENCE:  
L:304 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:345 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:366 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:479 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
L:523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
M:341 Repeated in SeqNo=19  
L:547 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0  
L:985 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0  
L:1131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0  
L:1151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0  
L:1547 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0  
L:1567 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:0  
L:1889 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:108, Line#:1880